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SD6851/S96528
October 22, 2001
Express Mail No.: EL026585619US

JCCS7 U.S. PTO

ASSISTANT COMMISSIONER FOR PATENTS
BOX PATENT APPLICATION
WASHINGTON, D.C. 20231



UTILITY PATENT APPLICATION TRANSMITTAL
Under 37 CFR 1.53(b)

Transmitted herewith for filing is the patent application of

INVENTOR(S): Patrick G. Xavier, Eric J. Gottlieb, Michael J. McDonald and Fred J. Oppel III
FOR: APPARATUS AND METHOD FOR INTERACTION PHENOMENA WITH WORLD MODULES IN DATA-FLOW-BASED SIMULATION

I. APPLICATION ELEMENTS

1. Fee Transmittal Form (original + duplicate)
2. Specification
Total Pages 36
3. Drawings
Total Sheets 7
4. Oath or Declaration (with Power of Attorney) Total Pages 3
 - a. Newly Executed
 - b. Copy from Prior Application
(Continuation or Divisional)
 Deletion of Inventors
Signed Statement Attached Deleting Inventor(s) named in prior Application. 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation by Reference (if Box 4b is checked). The entire disclosure of the prior application(s) from which a copy of the Oath or Declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

II. ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet and document(s))
8. 37 CFR 3.73(b) Statement
(where there is an assignee) Power of Attorney
(with the Declaration)
9. Information Disclosure Statement
(IDS)/PTO-1449 Copies of IDS
Citations
10. Preliminary Amendment
11. Return Receipt Postcard (Itemized)
12. Other – Nonpublication Request

III. IF A CONTINUING APPLICATION

Continuation Divisional Continuation-in-Part (CIP)
of prior application No. ____/_____

IV. CORRESPONDENCE ADDRESS

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Phone: (505) 845-8124
FAX: (505) 844-1218

Dated: 10-19-2001

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Albuquerque, NM 87185-0161
Telephone: (505) 844-4379

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U. S. Postal Service on, 10/22/01, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL026585619 addressed to the: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Mary Loukota
Mary Loukota

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Xavier, et al
	Title	Apparatus and Method for Interaction Phenomena with World Modules in Data-Flow-Based Simulation
	Atty Docket Number	SD6851/S96528

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

10-19-2001

Date

Suzanne L.K. Rountree
Signature 47,910

Suzanne L. K. Rountree
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Application may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents Washington, DC 20231

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FEE TRANSMITTAL FOR FY 2002		<i>Complete if Known</i>																																																																																																																																	
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<p>The Commissioner is hereby authorized to charge</p> <p>1. <input checked="" type="checkbox"/> indicated fees and credit any over payments to:</p> <p>Deposit Account Number 19-0131</p> <p>Deposit Account Name Sandia National Labs</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																			
FEE CALCULATION <table border="1"> <tr> <th colspan="5">1. BASIC FILING FEE</th> </tr> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>740.</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>\$ 740.00</td> </tr> <tr> <th colspan="6">2. EXTRA CLAIM FEES</th> </tr> <tr> <th>Total Claims</th> <th>-20**=</th> <th>4</th> <th>X 18</th> <th>= 72.00</th> <th>Fee from below</th> </tr> <tr> <td>Independent Claims</td> <td>- 3**=</td> <td>0</td> <td>X 84</td> <td>= 0</td> <td>Fee Paid</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6"> <small>*or number previously paid, if greater. For Reissues, see below</small> </td> </tr> <tr> <th colspan="6"> <table border="1"> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td>(\$72.00)</td> </tr> </table> </th></tr></table>							1. BASIC FILING FEE					Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	740.	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					\$ 740.00	2. EXTRA CLAIM FEES						Total Claims	-20**=	4	X 18	= 72.00	Fee from below	Independent Claims	- 3**=	0	X 84	= 0	Fee Paid	Multiple Dependent						<small>*or number previously paid, if greater. For Reissues, see below</small>						<table border="1"> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td>(\$72.00)</td> </tr> </table>						Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim, if not paid		109	84	209	42	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$72.00)
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105	130	205	65	Surcharge - late filing fee or oath																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																															
113	1,840	11	1,840	Requesting publication of SIR after Examiner																																																																																																																															
115	110	215	55	Extension for reply within first month																																																																																																																															
116	400	216	200	Extension for reply within second month																																																																																																																															
117	920	217	460	Extension for reply within third month																																																																																																																															
118	1,440	218	720	Extension for reply within fourth month																																																																																																																															
128	1,960	228	980	Extension for reply within fifth month																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																															
140	110	240	55	Petition to revive - unavoidable																																																																																																																															
141	1,240	241	620	Petition to revive - unintentional																																																																																																																															
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																															
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122	130	122	130	Petitions to the Commissioner																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																															
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																															
146	710	246	355	Filing a submission after final refection (37 CFR 1.129(a))																																																																																																																															
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																															
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SUBMITTED BY		Complete (if applicable)	
Type or Printed Name	Suzanne L. K. Rountree		
Signature	Suzanne L. K. Rountree	Date	10-19-2001
Reg. Number	47,910		
Deposit Account User ID	19-0131		

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